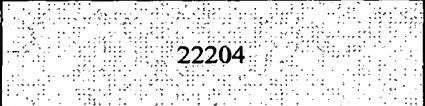


| | | | | | |
|---|--|---|-------------------------|---|---|
| UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> | | Attorney Docket No. | 740709-507 | | |
| | | First Inventor | Kouji YAMAGUCHI et al | | |
| | | Title | FLEXIBLE HEAT EXCHANGER | | |
| | | Express Mail Label No. | | | |
| APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i> | | Mail Stop Patent Application Commissioner for Patents ADDRESS TO: P.O. Box 1450 Alexandria, VA 22313-1450 | | | |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> 3. <input checked="" type="checkbox"/> Specification [Total Pages 14] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications (<i>if applicable</i>) - Statement Regarding Fed sponsored R & D (<i>if applicable</i>) - Reference to sequence listing, a table, or a computer program listing appendix (<i>if applicable</i>) - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Figs. Figs. 1-4 [Total Sheets 4] 5. Oath or Declaration [Total Pages 5] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Unsigned c. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <i>Signed statement attached deleting inventor(s)</i> <i>named in the prior application, see 37 CFR</i> <i>1.63(d)(2) and 1.33(b)</i> 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specific Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies; or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies | | | |
| ACCOMPANYING APPLICATION PARTS | | | | | 21906 U.S. PTO 10/620240 07/29/03 |
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney 11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>) 12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <u>Japanese</u> <u>Application 2002-219429 filed July 29, 2002</u> <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____ | | | | | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) Prior application information: Examiner _____ Group / Art Unit: _____ | | | | | of prior application No.: _____ / _____ |
| For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | | | |
| 19. CORRESPONDENCE ADDRESS | | | | | |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | |  | | <input type="checkbox"/> Correspondence address below or _____ | |
| Name | | | | | |
| Address | | | | | |
| | | City | State | Zip Code | Fax |
| Country | | Telephone | | | |
| Name (Print/Type) | | Registration No. (Attorney/Agent) | | | 36,092 |
| Signature | |  | | Date | July 29, 2003 |



07/29/03

PTO/SB/17 (10-02)

Approved for use through 10/31/2002. OMB 0651-0032

FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.
 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** 790.00

| <i>Complete if Known</i> | |
|--------------------------|-----------------------|
| Application Number | Not Yet Assigned |
| Filing Date | July 29, 2003 |
| First Named Inventor | Kouji YAMAGUCHI et al |
| Examiner Name | Not Yet Assigned |
| Art Unit | Not Yet Assigned |
| Attorney Docket No. | 740709-507 |

METHOD OF PAYMENT (check all that apply)
 Check Credit Card Money Other None Order

 Deposit Account:

 Deposit Account Number **19-2380(740709-507)**

 Deposit Account Name **Nixon Peabody LLP**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Fee Description | Fee Paid |
|-----------------------------|-------------|-----------------------------|-------------|------------------------|---------------|
| 1001 | 750 | 2001 | 375 | Utility filing fee | 750.00 |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1) **(\$)** 750.00
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|--------------|-------------------|-----------------------|
| Total Claims | 17 | -20** = | 0 | X 0 = 0 |
| Independent Claims | 1 | -3** = | 0 | X 0 = 0 |
| Multiple Dependent | | | X 0 | = 0 |

| Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Fee Description |
|-----------------------------|-------------|-----------------------------|-------------|--|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) **(\$)**

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | Small Entity | Fee Description | |
|--------------|--------------|-----------------|----------|
| Fee Code | Fee Code | Fee (\$) | Fee (\$) |
| 1051 | 130 | 2051 | 65 |
| 1052 | 50 | 2052 | 25 |
| 1053 | 130 | 1053 | 130 |
| 1812 | 2,520 | 1812 | 2,520 |
| 1804 | 920* | 1804 | 920* |
| 1805 | 1,840* | 1805 | 1,840* |
| 1251 | 110 | 2251 | 55 |
| 1252 | 410 | 2252 | 205 |
| 1253 | 930 | 2253 | 465 |
| 1254 | 1,450 | 2254 | 725 |
| 1255 | 1,970 | 2255 | 985 |
| 1401 | 320 | 2401 | 160 |
| 1402 | 320 | 2402 | 160 |
| 1403 | 280 | 2403 | 140 |
| 1451 | 1,510 | 1451 | 1,510 |
| 1452 | 110 | 2452 | 55 |
| 1453 | 1,300 | 2453 | 650 |
| 1501 | 1,300 | 2501 | 650 |
| 1502 | 470 | 2502 | 235 |
| 1503 | 630 | 2503 | 315 |
| 1460 | 130 | 1460 | 130 |
| 1807 | 50 | 1807 | 50 |
| 1806 | 180 | 1806 | 180 |
| 8021 | 40 | 8021 | 40 |
| 1809 | 750 | 2809 | 375 |
| 1810 | 750 | 2810 | 375 |
| 1801 | 750 | 2801 | 375 |
| 1802 | 900 | 1802 | 900 |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)** 40.00
CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on

Name: _____

Complete (if applicable)

| SUBMITTED BY | | Complete (if applicable) | | |
|-------------------|---|--------------------------------------|--------|--------------------------|
| Name (Print/Type) | Tim L. Brackett, Jr. | Registration No. (Attorney/Agent) | 36,092 | Telephone (703) 770-9300 |
| Signature |  | | Date | July 29, 2003 |